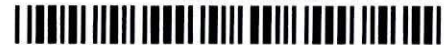




Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

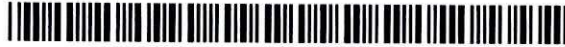
6F9540V00231
Job Sheet 178071



Part No: 6F9540V00231

Job Qty: 1 ea

Part Name: AW169 Lower Cutter Installation Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/26/18

Job Tracking No:

Due Date: 8/6/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: URF16-692 DWG IIN-D169-841 REV D IPP REV:A 13.11.13 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		8/6/18	0.00	0.00	Start Up Stores/Pkg-2		AUG 10 2018
100	Packaging	1 pcs		8/6/18	0.00	0.00	Packaging1-6		AUG 10 2018
105	QC	1 pcs		8/6/18	0.00	0.00	QC4		AUG 10 2018
120	Packaging	1 pcs		8/6/18	0.00	0.00	Packaging3-1		AUG 10 2018
125	DC	1 pcs		8/6/18	0.00	0.00	DC		AUG 10 2018
130	QC21-FG	1 Ea		8/6/18	0.00	0.00	QC21		AUG 21 2018

Part Op 120 - Identify and pack for shipping as per PPP 6F9540V00231

Descriptions: 125 - Photocopy blue file per PPP D169-841-015 chg002 and create labels per 6F9540V00231 CHG002

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D169-841-015	AW169 Lower Cutter	1 Ea (1 ea)	90-Start up Operation	510979

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D169-841-015	1	0	0

Part Specifications

Specifications could not be found.

Plex 6/20/18 9:53 AM Dart.lajeunesse.marie

Work Order: _____

Part No. _____

NCR No. _____

Date: _____

Mfg Date: 08/10/18
Job No: 178071

Packaging
CHG002

PART NO:
Serial No/Batch: 6F9540V00231
Revision:
Operation:
Change No: S101006

AW169 Lower Cutter Installation Assembly

Container No: S101006



AGAINST DEPARTMENT/PROCESS

DISPOSITION

Rework ☐

Position

Loss tube
Small fab
Finishing
In position

Water Jet
Prod. Eng. Coord.
Rec/Store/Packaging
Supplier

Engineering
Quality
Other

MRB (QS1042) Approval

Completed By

Lead hand / Supervisor
Approval Verification

QC / QA Coordinator
Approval

Root

Environment
Design
Doc/Data
Equip/Tooling
Handling/Pre
Material
Internal Transport
Tribal Knowledge
LOA
Substation
Past Expiry Date
Misidentified

Training
Use for Testing
Poor Information
Rushing
Product Improvement
Process Improvement
Manufacturing Process
Past Due

OTHER :

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Centre Not Concentric

Cracks

Crimp/Kink/Ripple/Wave

Cuffs

Crushing

Heat Treat

Wave/Twist in Tube

Marks/Chatter

Temperature/Cure

Set-up

BOM/Route

Broken/Damage/Defect

Inspection Incomplete/Unqualified

Contamination

Countersink

Cut Too Short

Instructions Incomplete/Unclear

Fit/Function

Misaligned/off center

Power Loss/Surge

Folio/Program

Grain

Weld

Wrong Stock Pulled

Out of Sequence

Off-set

Mislabeled

Finish

Misread

Turning Sequence

Positioned Wrong

Outside Dimensions

Over/Under tolerance

Part Incorrect

Part Lost/Missing

Part Moved

Drawing

Part Incorrect

PRINTING DATE AND STATUS 21.08.2018 Doc. Closed



Supplier Concession

PAGE

2 of 2

PLANT

Leonardo Helic. - Vergiate

Supplier NC N.	AWC-009/00	Date	21.08.2018	AW	400000075161	Purchase Order	4801761207
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 AgustaWestland A Finmeccanica Company		CONCESSION				Pag. 1 of 2									
Manuf. Doc. N.	AWC-009	Date	2018/08/13	AW Doc. N.		Purchase Order	4801761207								
AW P/N	6F9540V00231	S/N / Batch Number	S101005 S101006	Grade	A	AW Drawing Issue	B								
Description	Protector, CCP Lower Assembly			Batch Q.ty	2	Defective Q.ty	2								
Manufacturer	Dart Aerospace LTD			Model	AW169										
Defect(s) Description															
The grain direction on the D4842-1 (D4842-041 Lower Cutter Deflector), Deflector was deviated from the approved Data. The proposed change to the drawing is attached in engineering evaluation.															
				<table border="1"> <tr> <th>Department</th> <th>Inspector</th> <th>Signature</th> <th>Date</th> </tr> <tr> <td>Quality Assurance</td> <td>DAS 16 9-89 DAS-16-9-89</td> <td> E. Downing</td> <td>2018/08/13 2018/08/13</td> </tr> </table>				Department	Inspector	Signature	Date	Quality Assurance	DAS 16 9-89 DAS-16-9-89	 E. Downing	2018/08/13 2018/08/13
Department	Inspector	Signature	Date												
Quality Assurance	DAS 16 9-89 DAS-16-9-89	 E. Downing	2018/08/13 2018/08/13												
Defect(s) Cause															
Dart Hawkesbury Design Engineer has modified the approved drawing to allow for manufacturing to minimize in material waste.															
				<table border="1"> <tr> <th>Department</th> <th>Inspector</th> <th>Signature</th> <th>Date</th> </tr> <tr> <td>Quality Assurance</td> <td>DAS 16 9-89 DAS-16-9-89</td> <td> E. Downing</td> <td>2018/07/13 2018/07/13</td> </tr> </table>				Department	Inspector	Signature	Date	Quality Assurance	DAS 16 9-89 DAS-16-9-89	 E. Downing	2018/07/13 2018/07/13
Department	Inspector	Signature	Date												
Quality Assurance	DAS 16 9-89 DAS-16-9-89	 E. Downing	2018/07/13 2018/07/13												
Corrective Action						Complete Before									
Dart Aerospace HBY requesting drawing update to allow for grain direction change on D4842-1															
				<table border="1"> <tr> <th>Department</th> <th>Inspector</th> <th>Signature</th> <th>Date</th> </tr> <tr> <td>Quality Assurance</td> <td>DAS 16 9-89 DAS-16-9-89</td> <td> E. Downing</td> <td>2018/07/13 2018/07/13</td> </tr> </table>				Department	Inspector	Signature	Date	Quality Assurance	DAS 16 9-89 DAS-16-9-89	 E. Downing	2018/07/13 2018/07/13
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For "MANUFACTURER" SUPPLIERS ONLY

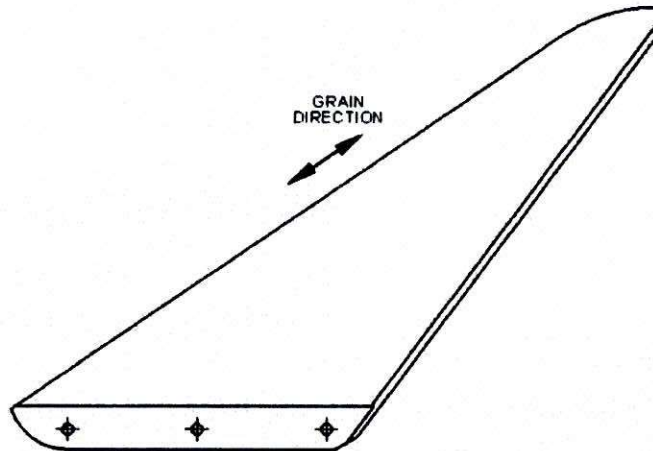
ENGINEERING evaluation and proposal

Engineering evaluation

Investigation report
Compliance report

n: NCR18-6764
n...N/A.....

Grain direction was rotated 56° to align with the leading edge of the deflector. This orientation allows for a smaller raw material blank size and significantly reduce material scrap. The grain direction is still effectively perpendicular to the bending plane from cable loads. The effect on strength is insignificant.



Defect effects			Limitations
	Before any repair	After any repair	
	☐ yes	☐ yes ☐ no	☐ yes (specify) ☒ no
Safety	☐ yes	☐ yes ☐ no	
Life	☐ yes	☐ yes ☐ no	
Strength	☐ yes	☐ yes ☐ no	
Performances	☐ yes	☐ yes ☐ no	
Interchangeability	☐ yes	☐ yes ☐ no	
Reliability	☐ yes	☐ yes ☐ no	
Maintainability	☐ yes	☐ yes ☐ no	
Installability	☐ yes	☐ yes ☐ no	
Testability	☐ yes	☐ yes ☐ no	
Only aspect	☐ yes	☐ yes ☐ no	
Repair Proposal			Decision to use ☐ Use repaired with specific repair ☐ Use repaired with known repair ☐ Use as is ☐ Use repaired for tests (see Limitations) ☐ Use as is for tests (see Limitations) ☐ Scrap
Concession Classification	☒ Major ☐ Minor	Submit after repair	☐ yes ☐ no